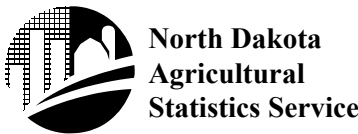


NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: August 4, 2003
For Week Ending: August 3, 2003
ND-CW3103

Cooperating With:
NDSU EXTENSION SERVICE,
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ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Small grain harvest is underway in most areas of the state, according to the North Dakota Agricultural Statistics Service. Rain is needed for most late seeded crops across the state. The hot, dry conditions in the southwest and south central districts have prompted some producers to bale their small grains for forage. A statewide average of 6.8 days were suitable for fieldwork.

Statewide average topsoil moisture supplies on August 3 continue to decline and were rated 19 percent very short, 36 short, 42 adequate and 3 surplus compared to 18 percent very short, 37 short, 43 adequate and 2 surplus last year. This is an 11 point drop in adequate to surplus from last week. Statewide average subsoil moisture supplies on August 3 were rated 15 percent very short, 30 short, 50 adequate and 5 surplus compared to 17 percent very short, 33 short, 47 adequate and 3 surplus last year.

Crops: Hot, dry conditions last week continued to advance most small grain crop development ahead of last year and the five-year (1998-2002) average. As of August 3, 7 percent of the hard red spring wheat crop was harvested compared to 5 percent last year and the average of 8 percent. Durum wheat was 39 percent turning and beyond, ahead of 28 percent last year and the average of 35 percent. Sixteen percent of the barley acres have been harvested compared to 5 percent last year and the average of 11 percent.

Small grain crop condition ratings were largely unchanged from last week and remain better than last year. Hard red spring wheat crop condition ratings as of August 3 were 1 percent very poor, 6 poor, 22 fair, 52 good and 19 excellent compared to 8 percent very poor, 18 poor, 37 fair, 35 good and 2 excellent last year. Barley condition ratings were 76 percent good to excellent compared to 42 percent good to excellent last year. Durum wheat crop condition ratings were 1 percent very poor, 10 poor, 31 fair, 53 good and 5 excellent compared to 5 percent very poor, 15 poor, 38 fair, 41 good and 1 excellent last year.

Development of oilseeds were ahead of average while other late season crops lag behind. Sunflower development pushed ahead of average last week with 41 percent of the crop blooming. Soybeans were 60 percent podding and beyond compared to 85 percent last year and the average of 72 percent. Dry edible beans were 49 percent podding and beyond, behind 63 percent last year and the average of 69 percent. Thirty-one percent of the canola was swathed and beyond compared to 16 percent last year and the average of 18 percent.

Crop condition ratings for most late season and oilseed crops continue to be better than last year. Soybeans were rated 74 percent good to excellent compared to 55 percent good to excellent last year. Corn was rated 76 percent good to excellent compared to 58 percent good to excellent last year. Sunflowers were rated 66 percent good to excellent compared to 51 percent good to excellent last year.

Livestock: Hot, dry conditions last week continued to stress pastures and rangeland in the southwest and south central districts. Pasture conditions were rated 37 percent good to excellent, down from 47 percent good to excellent last week, but up from 13 percent good to excellent last year. Second cutting alfalfa was 57 percent complete while other hay harvest was 89 percent complete. The hay crop was rated 47 percent good to excellent compared to 7 percent good to excellent last year.

Crop Development Progress ^{1/}
August 3, 2003 with Comparisons

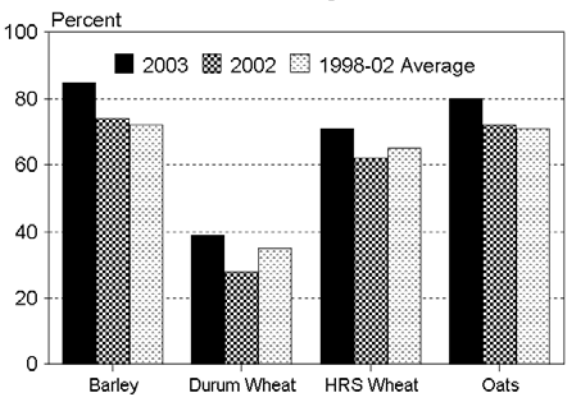
Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Milk	97	86	95	93
Turning	85	63	74	72
Combined	16	3	5	11
DURUM WHEAT				
Headed	97	86	97	95
Milk	72	54	77	76
Turning	39	25	28	35
Combined	2	0	1	1
HRS WHEAT				
Milk	95	81	93	91
Turning	71	49	62	65
Combined	7	1	5	8
OATS				
Milk	97	83	94	93
Turning	80	52	72	71
Combined	10	2	8	11
CANOLA				
Turning	75	46	64	64
Swathed	31	9	16	18
CORN				
Tasseling	86	66	89	88
Dough	7	3	17	17
Dented	0	NA	1	1
DRY EDIBLE BEANS				
Blooming	92	78	95	95
Podding	49	31	63	69
Fully Podded	6	NA	10	15
FLAXSEED				
Turning	51	14	32	34
POTATOES				
Blooming	97	94	96	98
Rows Filled	87	71	95	94
Vines Killed	2	NA	1	1
SOYBEANS				
Blooming	93	84	100	95
Podding	60	41	85	72
Fully Podded	5	0	25	16
SUNFLOWER				
Blooming	41	8	39	36

^{1/} Crop development percents represent all acreage in or beyond each stage.
NA= Not Available

Crop and Pasture Condition
Week Ending August 3, 2003

Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	1	4	19	55	21
Durum Wheat	1	10	31	53	5
HRS Wheat	1	6	22	52	19
Oats	2	9	34	47	8
Canola	1	3	20	52	24
Corn, All	2	5	17	60	16
Dry Edible Beans	0	4	24	56	16
Flaxseed	1	5	24	56	14
Potatoes	0	2	18	58	22
Soybeans	2	5	19	58	16
Sugarbeets	0	1	16	53	30
Sunflowers	1	7	26	53	13
Hay	4	12	37	37	10
Pasture and Range	6	20	37	35	2

Small Grains Turning and Beyond
North Dakota, August 3, 2003



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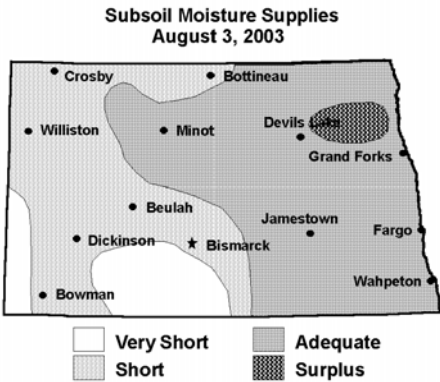
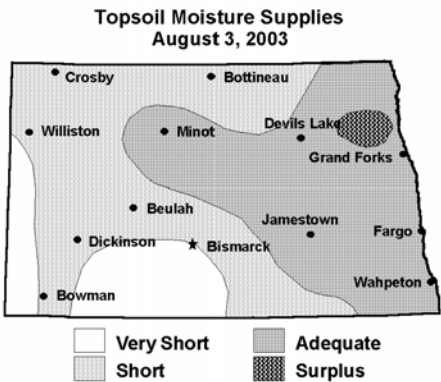
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Soil Moisture:

North Dakota, August 3, 2003

Date	V. Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	19	36	42	3
Last Week	11	33	50	6
Last Year	18	37	43	2
98-02 Avg	7	25	62	6
SUBSOIL				
This Week	15	30	50	5
Last Week	9	26	58	7
Last Year	17	33	47	3
98-02 Avg	6	21	66	7



Weather: Temperatures were slightly above normal for the week. The southwest was once again the hot spot with many sites reporting temperatures into the low and mid-90s. As precipitation goes, the heat and sunny skies out west did not promote much in the way of rainfall for the area. Eastern North Dakota experienced hit and miss thundershowers throughout the latter half of the week bringing measurable rain mainly to northeastern North Dakota with St. Thomas and Grand Forks reporting just under 0.50 of an inch of rain for the week.

Outlook, August 4-10: The beginning of the week will hold mostly cloudy skies, cooler temperatures and showers and thunderstorms across the region. By Wednesday, temperatures look to be on the rise and dry weather will prevail through the weekend. Temperatures will be in the 80s in the east and in the 90s out west by Thursday and looks to remain warm and dry through Sunday.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending August 3, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
(1) Bowbells	93	48	0.00	4.69	-4.16
Williston	94	52	0.07	6.59	-1.11
Mohall	89	47	0.00	6.95	-2.51
Minot	90	51	0.00	7.19	-2.53
(2) Baker	86	55	0.00	6.71	-4.54
Bottineau	91	47	0.10	5.34	-4.59
Towner	94	47	0.02	6.44	-2.18
(3) Cando	84	49	0.01	8.37	-0.90
Cavalier	90	55	0.00	9.04	-1.03
Forest River	85	55	0.24	8.82	-0.93
Grand Forks	86	55	0.44	10.39	1.19
Langdon	85	54	0.21	8.01	-1.21
St. Thomas	87	55	0.49	8.78	-0.97
(4) Hazen	94	47	0.00	7.91	-2.71
Turtle Lake	89	50	0.00	9.59	-0.60
Watford City	95	51	0.15	6.03	-3.08
(5) Carrington	86	49	0.10	10.37	0.13
Harvey	90	50	0.01	10.36	0.15
Jamestown	84	51	0.00	13.27	3.40
Robinson	89	53	0.00	9.75	-0.31
Streeter	88	52	0.00	10.11	-0.75
(6) Dazey	86	52	0.01	9.06	-1.80
Fargo	87	55	0.09	10.42	0.44
Hillsboro	86	55	0.18	11.57	0.97
(7) Beach	94	52	0.00	8.36	-0.21
Bowman	94	52	0.00	5.80	-4.02
Dickinson	94	51	0.00	6.66	-3.26
Hettinger	95	48	0.00	5.61	-4.69
(8) Mandan	95	51	0.00	8.19	-0.76
Linton	93	54	0.05	8.56	-1.24
(9) Edgeley	89	53	0.05	12.44	1.58
Oakes	85	54	0.00	13.88	3.88
Wyndmere	86	57	0.05	12.45	1.86

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending August 3, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
Northwest (1)	71	2	0.02	6.36	-2.57
N. Central (2)	70	2	0.04	6.16	-3.77
Northeast (3)	70	1	0.23	8.90	-0.64
W. Central (4)	71	0	0.05	7.84	-2.13
Central (5)	69	-1	0.02	10.77	0.52
E. Central (6)	70	0	0.09	10.35	-0.13
Southwest (7)	72	2	0.00	6.61	-3.05
S. Central (8)	73	3	0.03	8.38	-1.00
Southeast (9)	71	0	0.03	12.92	2.41

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace
Regional Weather Information Center.

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